Virtual channel: dynamic structuring and continuous queries for data on the air

- *Sumiya, K.; Tanaka, K.*
Graduate Sch. of Sci. & Technol., Kobe Univ., Japan

Abstract:

This paper proposes a restructuring method for data via digital video satellite broadcasting systems. The research is motivated by development of the EPG (electronic television program guide) system for browsing through the content of a few hundred channels. It is not possible for users to check each piece of data all the time. We propose a new approach to reorganize the EPG data for retrieving the desired television program information instead of a system-defined EPG.

Subject Terms:

direct broadcasting by satellite; dynamic structuring; continuous queries; virtual channel; data restructuring method; digital video satellite broadcasting systems; electronic television program guide; television program information retrieval

| IEL Online Home | Search | Advanced Search | What's New | Help | Logout |
| FAQ's | Support | Comments |

WEST

| Help | Logout | Interrupt |

| Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences |

Search Results -

Terms	Documents
l35 and search	23

Database:
- US Patents Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

| Refine Search: | | Clear |

Search History

Today's Date: 2/6/2001

DB Name	Query	Hit Count	Set Name
USPT	l35 and search	23	L36
USPT	l20 and (program listings or tv listings)	37	L35
USPT	l1 and l27	0	L34
USPT	l1 and l26	8	L33
USPT	l1 and l25	2	L32
USPT	l1 and l24	57	L31
USPT	l1 and l23	14	L30
USPT	l1 and l20	65	L29
USPT	l1 and l19	2	L28
USPT	(((725/7)!.CCLS.))	24	L27
USPT	(((725/1)!.CCLS.))	113	L26
USPT	(((463/42)!.CCLS.))	221	L25
USPT	(((348/569)!.CCLS.))	210	L24
USPT	(((348/460)!.CCLS.))	138	L23
USPT	(((348/7)!.CCLS.))	0	L22
USPT	(((348/1)!.CCLS.))	0	L21
USPT	(((345/327)!.CCLS.))	257	L20
USPT	((707/100)!.CCLS.)	690	L19
USPT	l16 and search	48	L18
USPT	l16 and (program listings or tv listings)	84	L17
USPT	l13 and (program listings or tv listings)	84	L16
USPT	l13 and search	495	L15
USPT	l10 and tv adj program adj guide	1	L14
USPT	l10 and program or tv adj guide	1222	L13
USPT	l10 and program! or tv adj guide	1187	L12
USPT	l10 and (program! or tv adj1 guide)	1043	L11
USPT	((345/35$)!.CCLS.)	1312	L10
USPT	l2 and samsung.as.	0	L9
USPT	l1 and samsung.as.	18	L8
USPT	l1 and microsoft.as.	25	L7
USPT	l2 and microsoft.as.	5	L6
USPT	l1 and microsoft.in.	0	L5
USPT	l2 and microsoft.in.	0	L4
USPT	l2 and search	70	L3
USPT	l1 and (program listings or tv listings)	146	L2
USPT	(electronic guide or program guide or tv guide)	796	L1